Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No: **1st and Final Bill** (For Other Works) Date……2018

Division: **Project** Sub-Division: **Project**

Bill Received No. Dated Divisional Cash Book Voucher No…….. Dated……

Sub Divisional **Work Code: 010-18-000020**

Schedule Docket No. Head of Account: **P0190(Works Sanctioned by Hon'ble Mayor)** Est.Cost: **5.00 Lakhs**

Name of Work: **Drilling at Borewell at Doddabommasandra lake park west gate (Part-2)**

Name of Contractor and Full Address: **M/s. KRIDL**

Reference to Agreement No: **247/2017-18** Date: **26-03-2018**

Reference to Work order No:**EE(Project)/Ynk Zone/WO/247/2017-18** Date: **26-03-2018**

Certified that the measurements were taken by me on 20.09.18, and recorded of Pages 17717to 17725 of measurement Book No.**03/ 2017-18** and that the work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 20/9/2018 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore

II Memorandum of Payment

1)	Total value of work done or supplies made as per account within	
2)	Deduct amount to be held in reserve being ……percent Rs……	
3)	" Balance	
4)	Deduct Payment:	
	a) Amount of previous payment as in the Office Cash Book Voucher No……Dated……S.D. No…… Amount adjusted	Total 4,90,949-00
	Towards cash advance recovery of	
	b) Payments cost store or other material supplied.	IT - 9819-00
	Now made recovery of amount creditable to this/other work	Cess - 4909-00
	Amount paid on this bill Cheque / Cash.	CBT - 491-00
		FSD - 24547-00
		CGST - 4383-00
		SGST - 4383-00
5)	Balance being unpaid value of work done held in reserve.	unadjustments items.
6)	Deduct cash advance made on the Office cash Book Voucher No…… dated……less adjustments.	Adj. 48532-00
7)	Net amount due to or from Contractor	Cheque 4,42,417-00
8)	Advance to Contractor for materials brought to site (as detailed) within.	
9)	Value of Government materials supplied.	
	Total amount adjusted -	

Contractor's Signature

Received Rs…….. (in words)……

……

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore
(For use in the Office)

Witness
1.
2.

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore
Signature of Contractor

Dated

Stamp

Paid by me by Cheque No……Dated & Admitted for Rs……

Cash Rs…….. R: 4,90,949-00

Dated……

Initials of Officer making payment R: 442417-00 by Cheque

and Rs. 48532-00 by Adjustment

Executive Engineer

Accts. Supdt.
Project Division
B.B.M.P.
26/03

Exe. Engineer
Project Division
B.B.M.P
26/3

Sl.No	Description of Work	Unit
1	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction **(P.47, I. 9.4) PRED.SR 2012-13**	
2	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) **Page no. 46 / I. 9.1 PRED SR 2012-13**	
	0 to 50 m	
	50 to 100 m	
	100 to 150 m	
	150 to 200 m	
	200 to 250 m	
3	Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) **SE PRED III NO 84**	Rmtr
4	Providing 250mm dia PVC Pipe **BWSSB SR 16-17 PNO 57 SL NO 11**	Rmtr
5	Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . PAGE NO **XXXXII**	
6	KSRB13-3.1: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class **50 mm dia** nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. **(Page 90 ITEM NO 13.6)**	Mtr
7	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated extrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp OFGROUP A **P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm KPWD Electrical SR 2014-15**	Mtr

Previous Measurement		Present Measurement			Total Upto date		Remarks
Qty	Amt	Qty	Rate	Amt	Qty	Amt	
		1	1938.46	1938.46	1	1938.46	
				0.00	0	0.00	
		50	315.18	15759.00	50	15759.00	
		50	412.00	20600.00	50	20600.00	
		50	458.35	22917.50	50	22917.50	
		50	484.10	24205.00	50	24205.00	
		50	560.32	28016.00	50	28016.00	
		30	1325.00	39750.00	30	39750.00	
		12	1144.00	13728.00	12	13728.00	
		1	44800.00	44800.00	1	44800.00	
		198	540.60	107038.80	198	107038.80	
		418	188.70	78876.60	418	78876.60	

Sl.No	Description of Work	
8	Labour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length **pno 558 ino 3 bwssb sr 14-15**	
9	Supplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove cutting Finishing with necessary o**n fixing the same to the wall using tapered** inverted wooden plugs screws etc., **P No. 44No.6.6.6 KPWD Electrical SR 2014-15**	
10	Supplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD galvnised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and confirming to GTP of group.**P No.55/ I No.7.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2014-15**	
11	Labour charges for laying of 1.1 K.V class UG cable, **P No. 61 / I No. 7.8.1 In existing trencg/duct 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15**	
12	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete**P No. 62/ I. No.7.9.4 KPWD Electrical SR 2014-15**	
13	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class **P. No. 62/ I No.7.12.1 KPWD Electrical SR 2014-15**	
14	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., **P. No.62/ I No. 7.13.2 KPWD Electrical SR 2014-15**	
15	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, **(P No.55, I No. 7.1) KPWD Electrical SR 2014-15**	
16	Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... **P No44/I No 6.7.4 KPWD Electrical SR 2014-15**	
17	Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... **P No62 I No 7.14.2 KPWD Electrical SR 2014-15**	
18	Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications **pno 47 IT 6.16.5 KPWD Electrical SR 2014-15**	
19	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 **P.No. 49, I. No.6.40.2 KPWD Electrical SR 2014-15**	

Previous Measurement		Present Measurement			Total Upto date		Remarks
Qty	Amt	Qty	Rate	Amt	Qty	Amt	
		32	88.00	2816.00	32	**2816.00**	
		1	302.00	302.00	1	**302.00**	
		25	140.40	3510.00	25	**3510.00**	
		25	10.80	270.00	25	**270.00**	
		20	117.00	2340.00	20	**2340.00**	
		3	345.00	1035.00	3	**1035.00**	
		1	280.00	280.00	1	**280.00**	
		1	2727.00	2727.00	1	**2727.00**	
		3	360.00	1080.00	3	**1080.00**	
		6	86.00	516.00	6	**516.00**	
		1	1547.00	1547.00	1	**1547.00**	
		37650	0.33	12424.50	37650	**12424.50**	

Sl.No	Description of Work	Unit
20	Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset. **PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter**	No
21	**BESCOM DEPOSIT**	
	Sub Total	
	KRIDL Charges 11%	
	Bescom Depo- **TOTAL**	

Previous Measurement		Present Measurement			Total Upto date		Remarks
Qty	Amt	Qty	Rate	Amt	Qty	Amt	
		1	10000.00	10000.00	1	10000.00	
				6460.00		6460.00	
			436477-	442936.86	436477-	442936.86	
			48012-	48723.05	48012-	48723.05	
			6460-	491659.91	6460-	491659.91	

G. Total: Rs: 4.90,949-00 Rs: 4.90,949-00

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore